

<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> ( Not for submission under 37 CFR 1.99)	Application Number		09989777
	Filing Date		2001-11-19
	First Named Inventor	Craig Nemecek	
	Art Unit	2123	
	Examiner Name	Mary C. Jacob	
	Attorney Docket Number	CD01208M	

U.S. PATENTS						
Examiner Initial*	Cite No	Patent Number	Kind Code:	Issue Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
	1	4608502	B1	1986-08-26	Dijkmans et al.	Entire Document
	2	6373954	B1	2002-04-16	Malcolm et al.	Entire Document
	3	5900780	B1	1999-05-04	Hirose et al.	Entire Document
	4	6850117	B1	2005-02-01	Weber et al.	Entire Document
	5	5973368	B1	1999-10-26	Pearce et al.	Entire Document
	6	5248843	B1	1993-09-28	Billings	Entire Document
	7	6079985	B1	2000-06-27	Wohl et al.	Entire Document
	8	5889723	B1	1999-03-30	Pascucci	Entire Document

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /M.J./

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
( Not for submission under 37 CFR 1.99)

Application Number	09989777
Filing Date	2001-11-19
First Named Inventor	Craig Nemecek
Art Unit	2123
Examiner Name	Mary C. Jacob
Attorney Docket Number	CD01208M

9	5564010	B1	1996-10-08	Henry et al.	Entire Document
10	5552725	B1	1996-09-03	Ray et al.	Entire Document
11	5455731	B1	1995-10-03	Parkinson	Entire Document
12	4970408	B1	1990-11-13	Hanke et al.	Entire Document
13	5663900	B1	1997-09-02	Bhandari et al.	Entire Document
14	6057705	B1	2000-05-02	Wojewoda et al.	Entire Document
15	6704879	B1	2004-03-09	Parrish	Entire Document
16	6141764	B1	2000-10-31	Ezell	Entire Document
17	5923264	B1	1999-07-13	Lavelle et al.	Entire Document
18	5850156	B1	1998-12-15	Wittman	Entire Document
19	5777399	B1	1998-07-07	Shibuya	Entire Document

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
( Not for submission under 37 CFR 1.99)

Application Number		09989777
Filing Date		2001-11-19
First Named Inventor	Craig Nemecek	
Art Unit	2123	
Examiner Name	Mary C. Jacob	
Attorney Docket Number	CD01208M	

20	5734272	B1	1998-03-31	Belot et al.	Entire Document
21	4999519	B1	1991-03-12	Kitsukawa et al.	Entire Document
22	6031365	B1	2000-02-29	Sharpe-Geisler	Entire Document
23	6452437	B1	2002-09-17	Takeuchi et al.	Entire Document
24	5430395	B1	1995-07-04	Ichimaru	Entire Document
25	6167559	B1	2000-12-26	Furtek et al.	Entire Document
26	5677691	B1	1997-10-14	Hosticka et al.	Entire Document
27	5790957	B1	1998-08-04	Heidari	Entire Document
28	6614260	B1	2003-09-02	Welch et al.	Entire Document
29	5734334	B1	1998-03-31	Hsieh et al.	Entire Document
30	6509758	B1	2003-01-21	Piasecki et al.	Entire Document

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
( Not for submission under 37 CFR 1.99)

Application Number	09989777
Filing Date	2001-11-19
First Named Inventor	Craig Nemecek
Art Unit	2123
Examiner Name	Mary C. Jacob
Attorney Docket Number	CD01208M

31	6507215	B1	2003-01-14	Piasecki et al.	Entire Document
32	6356958	B1	2002-03-12	Lin	Entire Document
33	5555452	B1	1996-09-10	Callaway et al.	Entire Document
34	5305312	B1	1994-04-19	Fornek et al.	Entire Document
35	5724009	B1	1998-03-03	Collins et al.	Entire Document
36	6112264	B1	2000-08-29	Beasley et al.	Entire Document
37	6337579	B1	2002-01-08	Mochida	Entire Document
38	6738858	B1	2004-05-18	Fernald et al.	Entire Document
39	5727170	B1	1998-03-10	Mitchell et al.	Entire Document
40	6768337	B1	2004-07-27	Kohno et al.	Entire Document
41	6355980	B1	2002-03-12	Callahan	Entire Document

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
( Not for submission under 37 CFR 1.99)

Application Number	09989777
Filing Date	2001-11-19
First Named Inventor	Craig Nemecek
Art Unit	2123
Examiner Name	Mary C. Jacob
Attorney Docket Number	CD01208M

42	RE37195	B1	2001-05-29	Kean	Entire Document
43	6246258	B1	2001-06-12	Lesea	Entire Document
44	6192431	B1	2001-02-20	Dabral et al.	Entire Document
45	6188241	B1	2001-02-13	Gauthier et al.	Entire Document
46	5563529	B1	1996-10-08	Seltzer et al.	Entire Document
47	5414380	B1	1995-05-09	Floyd et al.	Entire Document
48	5994939	B1	1999-11-30	Johnson et al.	Entire Document

If you wish to add additional U.S. Patent citation information please click the Add button.

**U.S.PATENT APPLICATION PUBLICATIONS**

Examiner Initial*	Cite No	Publication Number	Kind Code <sup>1</sup>	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
	1	20020121679	A1	2002-10-29	Bazarjani et al.	Entire Document
	2	20040054821	A1	2004-03-18	Warren et al.	Entire Document

If you wish to add additional U.S. Published Application citation information please click the Add button.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /M.J./

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
( Not for submission under 37 CFR 1.99)

Application Number	09989777
Filing Date	2001-11-19
First Named Inventor	Craig Nemecek
Art Unit	2123
Examiner Name	Mary C. Jacob
Attorney Docket Number	CD01208M

**FOREIGN PATENT DOCUMENTS**

Examiner Initial*	Cite No	Foreign Document Number <sup>3</sup>	Country Code <sup>2</sup>	Kind Code <sup>4</sup>	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear	T <sup>5</sup>
	1							<input type="checkbox"/>

If you wish to add additional Foreign Patent Document citation information please click the Add button

**NON-PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>5</sup>
	1	USPTO Notice of Allowance for Application Number 10/011,214 (CD00191) dated 04/11/2005; 4 pages	<input type="checkbox"/>
	2	USPTO Final Rejection for Application Number 10/011,214 (CD00191) dated 01/21/2005; 8 pages	<input type="checkbox"/>
	3	USPTO Non-Final Rejection for Application Number 10/011,214 (CD00191) dated 08/13/2004; 10 pages	<input type="checkbox"/>
	4	Hong et al., "Hierarchial System Test by an IEEE 1149.5 MTM-Bus Slave-Module Interface Core," IEEE, 2000; 14 pages	<input type="checkbox"/>
	5	Haberl et al., "Self Testable Boards with Standard IEEE 1149.5 Module Test and Maintenance (MTM) Bus Interface," IEEE, 1994; 6 pages	<input type="checkbox"/>
	6	Varma et al., "A Structured Test Re-Use Methodology for Core-Based System Chips," IEEE, 1998; 9 pages	<input type="checkbox"/>
	7	Andrews, "Roadmap for Extending IEEE 1149.1 for Hierarchical Control of Locally-Stored, Standardized command Set, Test Programs," IEEE, 1994; 7 pages	<input type="checkbox"/>

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
( Not for submission under 37 CFR 1.99)

Application Number	09989777
Filing Date	2001-11-19
First Named Inventor	Craig Nemecek
Art Unit	2123
Examiner Name	Mary C. Jacob
Attorney Docket Number	CD01208M

8	Adham et al., "Preliminary Outline of the IEEE P1500 Scalable Architecture for Testing Embedded Cores," IEEE; 6 pages 1999	<input type="checkbox"/>
9	Ghosh et al., "A Low Overhead Design for Testability and Test Generation Technique for Core-based Systems," IEEE, 1997; 10 pages	<input type="checkbox"/>
10	Zorian, "Test Requirements for Embedded Core-based Systems and IEEE P1500," IEEE, 1997; 9 pages	<input type="checkbox"/>
11	Zorian et al., "Testing Embedded-Core Based System Chips," IEEE, 1998; 14 pages	<input type="checkbox"/>
12	Papachristou et al., "Microprocessor Based Testing for Core-Based System on a Chip," IEEE, 1999; 6 pages	<input type="checkbox"/>
13	Maroufi et al., "Solving the I/O Bandwidth Problem in System on a Chip Testing," IEEE, 2000; 6 pages	<input type="checkbox"/>
14	Marsh, "Smart Tools Illuminate Deeply Embedded Systems," EDN, 2000; 7 pages	<input type="checkbox"/>
15	York et al., "On-chip Support Needed for SOC Debug," Electronic Engineering Times, 1999; 2 pages	<input type="checkbox"/>
16	Atmel Corporation: AT90SC Summary: "Secure Microcontrollers for Smart Cards," 1999; 7 pages	<input type="checkbox"/>
17	Hwang et al., "Integrated circuit for automatically varying resistance in computer system, has pair of transistors connected in parallel with respective resistors such that resistors are bypassed when corresponding transistors are enabled," Derwent Information LTD; 2002; 2 pages	<input type="checkbox"/>
18	Morrison, "IBM Eyes Merchant Packaging Services," July 13, 1998; Electronic News < <a href="http://www.findarticles.com">http://www.findarticles.com</a> >; 4 pages	<input type="checkbox"/>

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
( Not for submission under 37 CFR 1.99)

Application Number	09989777
Filing Date	2001-11-19
First Named Inventor	Craig Nemecek
Art Unit	2123
Examiner Name	Mary C. Jacob
Attorney Docket Number	CD01208M

19	Charles, Jr. et al., "Wirebonding: Reinventing the Process for MCMs," April 1998; IEEE 7th International Conference on Multichip Modules and High Density Packaging; 3 pages	<input type="checkbox"/>
20	Tran et al., "Fine Pitch and Wirebonding and Reliability of Aluminum Capped Copper Bond Pads," May 2000, IEEE Electronic Components and Technology Conference; 8 pages	<input type="checkbox"/>
21	Song et al., "A 50% Power Reduction Scheme for CMOS Relaxation Oscillator," IEEE, 1999; 4 pages	<input type="checkbox"/>
22	"Electronic Circuit Protector-Circuit Breaker," IBM Technical Disclosure Bulletin; Volume 36, Issue 8, August 1, 1993; 1 page	<input type="checkbox"/>
23	USPTO Final Rejection for Application Number 10/001,478 (CD01213M) dated 04/20/2009; 16 pages	<input type="checkbox"/>
24	USPTO Notice of Allowance for Application Number 09/994,600 (CD01174M) dated 04/03/2009; 5 pages	<input type="checkbox"/>
25	USPTO Notice of Allowance for Application Number 09/989,777 (CD01208M) dated 03/09/2009; 7 pages	<input type="checkbox"/>
26	USPTO Notice of Allowance for Application Number 09/992,076 (CD01210M) dated 02/27/2009; 6 pages	<input type="checkbox"/>
27	USPTO Non-Final Rejection for Application Number 09/989,771 (CD01182) dated 04/30/2009; 11 pages	<input type="checkbox"/>
28	USPTO Notice of Allowance for Application Number 09/989,762 (CD01175M) dated 03/25/2009; 7 pages	<input type="checkbox"/>
29	USPTO Notice of Allowance for Application Number 09/989,762 (CD01175M) dated 10/24/2008; 7 pages	<input type="checkbox"/>



**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
( Not for submission under 37 CFR 1.99)

Application Number	09989777
Filing Date	2001-11-19
First Named Inventor	Craig Nemecek
Art Unit	2123
Examiner Name	Mary C. Jacob
Attorney Docket Number	CD01208M

30	USPTO Notice of Allowance for Application Number 09/989,762 (CD01175M) dated 03/25/2009; 7 pages	<input type="checkbox"/>
31	USPTO Notice of Allowance for Application Number 09/989,762 (CD01175M) dated 06/02/2008; 6 pages	<input type="checkbox"/>
32	USPTO Notice of Allowance for Application Number 09/989,762 (CD01175M) dated 01/02/2008; 6 pages	<input type="checkbox"/>
33	USPTO Non-Final Rejection for Application Number 09/989,762 (CD01175M) dated 07/23/2007; 15 pages	<input type="checkbox"/>
34	USPTO Final Rejection for Application Number 09/989,762 (CD01175M) dated 01/26/2007; 13 pages	<input type="checkbox"/>
35	USPTO Non-Final Rejection for Application Number 09/989,762 (CD01175M) dated 08/10/2006; 18 pages	<input type="checkbox"/>
36	USPTO Final Rejection for Application Number 09/989,762 (CD01175M) dated 03/14/2006; 19 pages	<input type="checkbox"/>
37	USPTO Non-Final Rejection for Application Number 09/989,762 (CD01175M) dated 07/27/2005; 15 pages	<input type="checkbox"/>
38	Application Number 09/275,336 (CD98087): "Programmable Oscillator Scheme;" Mar et al.; 25 pages 3/24/99	<input type="checkbox"/>
39	Application Number 09/721,316 (CD98087C1): "Programmable Oscillator Scheme;" Mar et al.; 26 pages 11/22/00	<input type="checkbox"/>
40	Application Number 10/324,455 (CD98087C2): "Programmable Oscillator Scheme;" Mar et al.; 23 pages 12/20/03	<input type="checkbox"/>

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
( Not for submission under 37 CFR 1.99)

Application Number		09989777
Filing Date		2001-11-19
First Named Inventor	Craig Nemecek	
Art Unit	2123	
Examiner Name	Mary C. Jacob	
Attorney Docket Number	CD01208M	

41	Application Number 09/998,859 (CD01209M): "A System and a Method for Checking Lock Step Consistency between in Circuit Emulation and a Microcontroller while Debugging Process is in Progress," Nemecek; 33 pages 11/15/01	<input type="checkbox"/>
42	Application Number 09/998,834 (CD01221M): "A System and a Method for Communication between and Ice and a Production Microcontroller while in a Halt State," Nemecek; 33 pages 11/15/01	<input type="checkbox"/>
43	Application Number 10/113,065 (CD01215M): "System and Method for Automatically Matching Components in a Debugging System," Nemecek et al.; 32 pages 3/29/02	<input type="checkbox"/>
44	Application Number 09/989,574 (CD01164M): "Method and System for using a Graphics user Interface for Programming an Electronic Device," Bartz et al.; 43 pages 11/19/01	<input type="checkbox"/>
45	Application Number 09/989,816 (CD01165M): "Datasheet Browsing and Creation with Data-Driven Datasheet Tabs within a Microcontroller Design Tool," Bartz et al.; 55 pages 11/19/01	<input type="checkbox"/>
46	Application Number 09/989,815 (CD01166M): "A Data Driven Method and System for Monitoring Hardware Resource Usage for Programming an Electric Device," Bartz et al.; 36 pages 11/19/01	<input type="checkbox"/>

If you wish to add additional non-patent literature document citation information please click the Add button

**EXAMINER SIGNATURE**

Examiner Signature	/Mary Jacob/	Date Considered	07/29/2009
--------------------	--------------	-----------------	------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> See Kind Codes of USPTO Patent Documents at [www.USPTO.GOV](http://www.USPTO.GOV) or MPEP 901.04. <sup>2</sup> Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>3</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>4</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>5</sup> Applicant is to place a check mark here if English language translation is attached.